

6. CLAIMS

1. A file transmitting method by a server, said method using HTTP to transmit file data to a client connected via the Internet, comprising the steps of:

5 using the HTTP to perform tunneling of a file transmission protocol that is used in a dedicated program;

managing setting information for setting an operating environment, which is used for executing the

10 dedicated program in the client, beforehand;

transmitting the setting information and the dedicated program in response to a request from the client;

and

transmitting the file data using the dedicated

15 program, according to the setting information.

2. A file transmitting method according to Claim 1, wherein:

the setting information is transmitted to the client as a batch file.

20 3. A file transmitting method according to Claim 1, wherein:

the file data to be transmitted is divided into data having a fixed size, and the data is compressed.

4. A file transmitting method according to Claim 3,

25 wherein:

a checkpoint is given to the divided file data; and
when a failure occurs, the checkpoint is used to retransmit
the file data from the checkpoint.

5 5. A file transmitting method according to Claim 1,
wherein:

the dedicated program is so devised that multi-
platform is supported; and

the dedicated program is downloaded from the server
as part of operation of the client.

10 6. A file transmitting method according to Claim 5,
wherein:

an electronic certificate, which identifies a
manufacturer, is added to the dedicated program.

15 7. A file transmitting method by a client, said
method using HTTP to transmit file data to a server
connected via the Internet, comprising the steps of:

using the HTTP to perform tunneling of a file
transmission protocol, which is used in a dedicated program,
from the server in response to an instruction to transmit
20 the file data to the server;

receiving setting information for setting an
operating environment, which is used for executing the
dedicated program;

25 making a first judgment whether or not the setting
information has already been stored;

if the setting information has already been stored,
making a second judgment whether or not contents of the
setting information has been changed;

updating the setting information in response to
5 results of the first and the second judgment; and

transmitting the file using the dedicated program,
according to the setting information.

8. A file transmitting system for transmitting file
data between a client and a server via the Internet,
10 comprising:

a dedicated program that uses HTTPS to transmit the
file data; and

setting information for setting an operating
environment, which is used for executing the dedicated
15 program.

9. A file transmitting system according to Claim 8,
wherein:

the dedicated program is so devised that multi-
platform is supported; and

20 an electronic certificate, which identifies a
manufacturer, is added to the dedicated program.

10. A file transmitting system according to Claim 8,
wherein:

at least one of a version management function of the
25 dedicated program, a file uploading function, a file

1005379.01.docx

5 11. A file transmitting system according to Claim 8,
wherein:

10